

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Re-use of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:00 PM except April, July, and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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*If you need him
get in there and*



Carl Gardenias, WU6D (SK)



It is with profound sadness that we report the passing of long time SCDXC member Carl Gardenias, WU6D. Carl President of the club in 1991, [DXer of the Year](#) in 2000, for many years Chairman/Co-Chairman of the International DX Convention, and for 18 years he was the ARRL Orange Section Manager.

Carl passed away May 9, the family asks for privacy (no phone calls please) at this time.

No Information on services is available at this time.



Announcements

Kevin Ngo, K6NGO, Receives His Clipperton Award



June Club Meeting is Live!

**June 8th 7PM at WEMS
Come Join Us!**

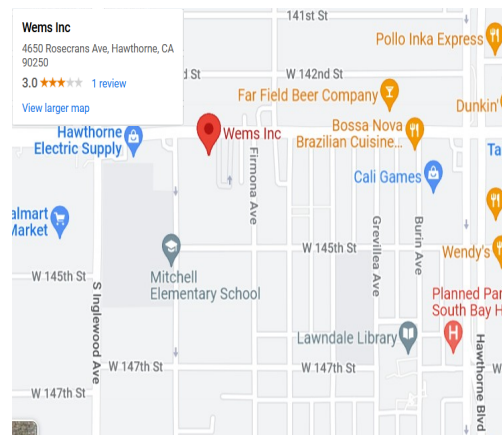
**June Presentation KB7AZ Carl Foster
Topic: Stealth Antennas**

The June meeting will be live and on Zoom. You can participate at the link below:

[SCDXC Club Meeting](#)

If you have difficulty with this link try downloading the Zoom app and run this session:

**Meeting ID: 819 8565 2659
Passcode: 154024**



SCDXC Annual Picnic Sunday July 9, 2023 at 12:00pm



The first SCDXC Picnic since COVID will be held at Woodley Park in Van Nuys Section 3. The picnic is free to members and their families. Everyone bring their own entree and a side to share. The club will provide drinks, napkins, tablecloths, and utensils.

Location: Woodley Park Grove 3, just south of the Donald C. Tillman Water Reclamation Plant entrance. Look for our club signs and banners! Talk-in on W6AM/R 145.480Mhz PL 100.00hz.

This is not the area we normally use. It is south of the Donald C. Tillman Water Reclamation Plant.

From the south exit the 405 Fwy at Burbank, this is the first exit past the 101 Fwy. Turn left (West) onto Burbank travel about 3/4 of a mile to Woodley Ave. Turn Right at the stop light and go north about 1/2 of a mile. Turn right onto the service road and travel .2 miles to the parking lot. The area is to the south of the lot.

From the north exit the 405 Fwy at Burbank, Turn right (West) onto Burbank travel about 3/4 of a mile to Woodley Ave. Turn Right at the stop light and go north about 1/2 of a mile. Turn right onto the service road and travel .2 miles to the parking lot. The area is to the south of the lot.

We will have a 100 square drawing board at the June meeting as well as at the picnic. The prize is a Yaesu FT-DX10 donated by some mystery member! This is no beginners radio. It ranked 3rd on Sherwood Engineering's Receiver Test Data and has many of the features of its big brother, the FTDX101! The donor stated that if he wins the prize it may magically reappear at this year's Christmas Party!



2023 Board of Directors

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John Schroeder, N6QQ

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From the Desk of the President John Schroeder, N6QQ

Welcome to our June Meeting.

The 2024 Visalia Convention is looking good. Lots of feed-back. The Northern California is DX Club is helping a lot. The current dates for the convention are April 11-14th.

We are working on a Picnic for July 9th. More details as they are worked out.

Bands are working overtime. We did have a solar flare that Kill 10 and 12 meters. No signals. The SFI index was 135. Sun spots were 130. The problem was the index at 35.

Would like to give Credit to Bill, N6RV for the many hours he has put in for the convention and picnic.

See you at the next meeting.

73 de John, N6QQ
President, SCDXC

N6QQ@scdxc.org

OJO Market



June Calendar

June	3	ARRL International Digital Contest
June	8	Meeting WEMS!!!
June	10	ARRL June VHF Contest
June	17	All Asian DX Contest, CW
June	22	Ukrainian DX Digital Contest
June	22	His Majesty King of Spain Contest, SSB

For more contest Info see:

<http://www.hornucopia.com/contestcal/contestcal.html>

VP Corner June 2023

Howard Elovitz, W6FL

With the solar cycle on the upswing, it is nice to work DX late into the evening, even on 10 Meters. On June 24th/25th Field Day will be activated. With the expertise in the club, I hope all of you will participate in one of the operations. Field Day has a few purposes. To run an efficient operation for 24 hours, demonstrate technical skills that could be applied to emergency operations and to promote Ham Radio to the public.



June Presentation KB7AZ Carl Foster Topic: Stealth Antennas

Bio: Carl has been active in Ham Radio since 1970 on HF and VHF. He operates phone, CW, RTTY, SSTV, and satellite operations. Is a current member of the Oro Valley Amateur Radio Club (OVARC), Southern Arizona DX Association (SADXA), Catalina Radio Club, Arizona Outlaws Contest Club (AOCC), Quarter Century Wireless Association (QCWA), Radio Society of Tucson (RST), 10-10 International, and Radio Society of Great Britain (RSGB). Awarded DXCC Certificates for Mixed, 10 meters, 15 meters, 20 meters, 40 meters, Digital, Phone, and CW (working on 80-meter DXCC), WAC, WAS, WAZ, Triple Play and a Canada 150 award. Carl is currently, ARRL Arizona Section Technical Coordinator. Carl retired from Raytheon Missile Systems in 2011 and was an engineering fellow.



Carl Foster KB7AZ

Till next month Best of DX.
73 and Good DXing!
Howard W6FL



***Every DXpedition is the WORST EVER....
UNTIL IT'S IN YOUR LOG***

Rumors on the Band

Another great month is coming up! The big surprise is Ducie Island. The crew on the Magnet will be making a huge effort to dent the demand for this rare one. It will be fun to work them and others particularly on 6 meters. It is a short put to there from the West Coast!

QTH	Call	Start Date	End Date	Information
Maldives	8Q7VJ	Now	7-Jun	HB9VCJ 40-6m SSB
Niger	5UA99WS	Now	15-Jun	IU5HWS 40-10m FT8 SSB
Central Kiribati	T31TT	1-Jun	12-Jun	Rebel DX Group 160-10m CW SSB FT8
Lakshadweep Isl.	VU7W	6-Jun	18-Jun	YL2GM Concentrating on 6m CW SSB FT8 also HF
Ducie Island	VP6A	10-Jun	24-Jun	AA7JV KN4EEI W6IZT on the famous Magnet DX Yacht plus a large remote team 160-6 CW SSB FT8!!
Faroe Islands	OY/DC8TM	2-Jun	29-Jun	DC8TM and DF3RS HF SSB FT8
Miquelon Isl	FP/KV1J	27-Jun	11-Jul	KV1J 80-6m focus on 6m CWQ SSB Digital!

ClubLog Top 50 Most Wanted Entities

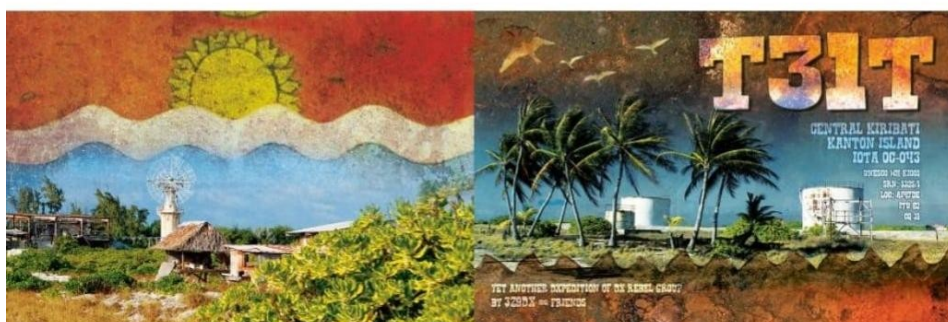
- 1 P5 DPRK (NORTH KOREA)
- 2 3Y/B BOUVET ISLAND
- 3 FT5/W CROZET ISLAND
- 4 BS7H SCARBOROUGH REEF
- 5 CE0X SAN FELIX ISLANDS
- 6 BV9P PRATAS ISLAND
- 7 KH7K KURE ISLAND
- 8 KH3 JOHNSTON ISLAND
- 9 3Y/P PETER 1 ISLAND
- 10 FT/G GLORIOSO ISLAND
- 11 FT5/X KERGUELEN ISLAND
- 12 YV0 AVES ISLAND
- 13 VK0M MACQUARIE ISLAND
- 14 ZS8 PRINCE EDWARD & MARION ISLANDS
- 15 KH4 MIDWAY ISLAND
- 16 PY0S SAINT PETER AND PAUL ROCKS
- 17 PY0T TRINDADE & MARTIM VAZ ISLANDS
- 18 KP5 DESECHEO ISLAND
- 19 VP8S SOUTH SANDWICH ISLANDS
- 20 KH5 PALMYRA & JARVIS ISLANDS
- 21 ZL9 NEW ZEALAND SUBANTARCTIC ISLANDS
- 22 FK/C CHESTERFIELD IS.
- 23 EZ TURKMENISTAN
- 24 VK0H HEARD ISLAND
- 25 YK SYRIA
- 26 FT/T TROMELIN ISLAND
- 27 ZL8 KERMADEC ISLAND
- 28 JD/M MINAMI TORISHIMA
- 29 KH8/S SWAINS ISLAND
- 30 KH1 BAKER HOWLAND ISLANDS
- 31 XF4 REVILLAGIGEDO
- 32 VP8G SOUTH GEORGIA ISLAND
- 33 KH9 WAKE ISLAND
- 34 SV/A MOUNT ATHOS
- 35 T33 BANABA ISLAND
- 36 VK9M MELLISH REEF
- 37 VK9W WILLIS ISLAND
- 38 T31 CENTRAL KIRIBATI
- 39 FO/C CLIPPERTON ISLAND
- 40 FT/J JUAN DE NOVA, EUROPA
- 41 TI9 COCOS ISLAND
- 42 HK0/M MALPELO ISLAND
- 43 KP1 NAVASSA ISLAND
- 44 ZD9 TRISTAN DA CUNHA & GOUGH ISLANDS
- 45 FT5Z AMSTERDAM & ST PAUL ISLANDS
- 46 H40 TEMOTU PROVINCE
- 47 70 YEMEN
- 48 VP80 SOUTH ORKNEY ISLANDS
- 49 XZ MYANMAR
- 50 CY0 SABLE ISLAND

CADXA Most Wanted DXCC Entities

ClubLog Most Wanted DXCC Ranking



T31T Kanton Island DX Pediton QSL.



DX Standings

Thanks Arnie, N6HC, Ken, N6PCD, Bill, N6RV, and Bill, N6WS for their DXCC and WAZ standing updates!

Welcome Bob, N6RW. He just joined SCDXC and is very active. He actually has one of the highest DXCC totals in our club (372) and is the highest among our ClubLog members!

We will be purging the lists in 2 months. If you have not paid your 2023 dues we will have to remove you from the list.

Notice that the DXCC standings have been updated. The data was derived from the maximum of three sources, ARRL DXCC Lists, ClubLog, Prior Submissions. If you are not on the list or if you want to update your standing email me below.

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	Mixed
P	Phone
C	CW
R	RTTY

SCDXC Lifetime Standings									
Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots
1	W6KH	340	389	0	53	N6VNI	312	314	1514
2	JA1BK	340	383	3232	54	W6HB	311	311	1029
3	K6YRA	340	378	2777	55	NK6A	310	316	957
4	OH2BH	340	378	0	56	N6WT	306	306	1879
5	N0FW	340	372	2978	57	N6GP	299	314	1583
6	K6YUI	340	366	2608	58	K6IRD	292	302	649
7	NS6C	340	361	2615	59	N6PM	290	291	1861
8	W6SR	340	359	2799	60	W6ZL	287	291	1074
9	K6FG	340	357	2772	61	WA6WXD	274	274	0
10	K5KT	340	355	0	62	N3BKV	269	269	0
11	K6GXO	340	355	2633	63	K6VC	264	267	0
12	W8DX	340	353	2449	64	KJ6HZ	247	252	0
13	W6TK	340	351	1781	65	N6AA	247	247	0
14	N6HC	340	349	2377	66	W6KC	246	248	743
15	W6KK	340	349	1921	67	KQ6K	243	244	0
16	W6VX	340	349	2772	68	NE6V	239	239	917
17	K6ND	340	348	2790	69	K6JEY	234	234	0
18	KJ6Y	340	348	1439	70	N6HE	229	238	746
19	WA5VGI	340	348	2773	71	N6VOH	222	251	0
20	N6PEQ	340	347	2040	72	W6YLZ	219	220	0
21	WA6WZO	339	357	0	73	K6AFW	204	204	917
22	N6RV	339	356	2418	74	WB6DJI	200	200	589
23	N6WS	339	351	2617	75	K0XP	170	171	0
24	K6RO	339	348	2363	76	N6LL	169	169	0
25	KR6C	339	345	2135	77	W6GA	169	168	0
26	N6QQ	338	355	2315	78	KC6TOD	166	166	0
27	W6TJI	338	355	0	79	KF6I	166	166	200
28	W6IRD	338	354	0	80	KK6M	162	192	0
29	W6FL	338	352	1527	81	K7LA	160	160	466
30	W6RW	338	352	2295	82	K6FOD	154	154	0
31	N6HY	338	346	2424	83	W6QE	149	149	365
32	N6MG	338	338	0	84	WC2S	146	146	0
33	N6RW	337	372	2773	85	AB9A	141	141	224
34	W6OU	337	356	1599	86	NZ6L	137	178	158
35	A1GZ	336	349	2189	87	K9TAD	134	134	0
36	N6IC	336	347	0	88	N6CA	133	133	386
37	N7NR	335	354	1288	89	K6NGO	130	130	0
38	SM5GMZ	335	346	2454	90	K6MKL	126	126	0
39	K4ST	335	339	2065	91	WD6Y	125	125	274
40	K6DW	334	343	302	92	AB6A	109	109	287
41	K6JW	334	340	1336	93	N6PCD	105	105	246
42	K2IXQ	334	339	1794	94	K6BBC	103	117	216
43	N6MXU	333	337	1666	95	N6YQ	100	128	0
44	W6SW	331	339	540	96	WA6MEM	100	100	0
45	W6DR	331	336	1889	97	W6CCC	95	95	211
46	K4SX	331	335	1782	98	K6PGH	63	63	0
47	K6SY	330	336	1157	99	W6MPB	61	61	0
48	N6AX	330	336	1679	100	K6LAC	46	46	0
49	AA6PW	330	331	1775	101	K6YIC	43	43	92
50	K7MY	320	324	1281	102	NY6Y	28	28	0
51	AC6MW	313	315	0	103	KJ6YL	14	14	0
52	N6DHZ	312	318	1440	104	KC6CQD	1	1	0

WAZ Standings				
Rank	Call	11B	5B	Awards
1	N0FW	424	200	M/P/C/R/5
2	K6ND	415	200	M/5
3	WA5VGI	415	200	M/P/C/R/5
4	N6WS	411	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	SM5GMZ	372	200	M/P/C/5
7	W8DX	357	200	M/5
8	N6AW	355	200	M/P/C/5
9	K6YUI	353	200	M/P/C/R/5
10	W6RW	344	200	M/P/C/5
11	K6YRA	337	200	P/5
12	W6VX	352	199	M/P/C
13	W6TK	369	198	
14	K6GXO	358	198	M
15	N6HY	365	196	M/P/C
16	N6RW	195	403	
17	N6WT	383	195	
18	N6RV	380	195	
19	K6RO	377	195	M/P/C
20	A1GZ	321	194	
21	NS6C	368	193	M/P/C/R/5
22	N6PM	372	192	
23	KR6C	342	192	
24	N6QQ	343	189	
25	W6DR	348	187	
26	K4ST	310	185	
27	N6GP	308	185	
28	W6OU	304	184	
29	AA6PW	298	181	
30	N6VNI	291	181	
31	K6SY	299	178	
32	KJ6Y	237	173	
33	N6DHZ	326	169	
34	N6HE	253	168	
35	W6ZL	242	166	M/P/C/R
36	K6JW	244	158	
37	NK6A	290	157	
38	W6KC	217	156	
39	W6FL	161	153	
40	NE6V	256	149	
41	K7MY	213	142	
42	K6IRD	220	130	
43	W6SW	154	126	M/P
44	W6IRD	102	112	
45	WD6Y	153	99	
46	K6VC	145	96	
47	N6PCD	144	92	
48	K9TAD	94	81	
49	K6FOD	33	27	
50	N6HC	17	13	



2023 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1TU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	T19	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

Another exciting month has passed and we are not even at the top of the cycle! Every 2022 record is being pursued and it is only 5 month into the year.

Larry, K6RO, has been hard at work and leads the club. He is #11 on ClubLog and is tied for eighth place by entities worked. He ranks #11 in band slots. That is pretty good for someone on the disadvantaged West Coast. The rest of the club is fighting hard to stay in the game. Many have really improved their standings! John, N6QQ, has picked up 22 entities this month alone! Bill, WA5VGI, has completed his antenna repairs and is back on line with 16 new entities this month. Peter, SM5GMZ has picked up 33! Dave, KK6M has put the peddle to the metal and picked up 34.

We still lag behind the ClubLog leaders by 12 and have a new one they have not worked, T32. The game is afoot!

2023 Get Schroeder Leaders								
2023 Total Entities Worked								272
2022 Total Entities Worked								286
2023 Entities Worked by SCDXC								255
2022 SCDXC Entities Worked								262
2023 Entities Worked by SCDXC Members in SoCal								254
2022 Entities Worked by SCDXC Members in SoCal								262
2023 ClubLog Leaders Entities Worked								271
2022 ClubLog Leaders Entities Worked								285
2023 SCDXC Leader (K6RO)								247
2022 ClubLog Leader (N6FW)								256
Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-QQ	Uniques
1	K6RO	247	9	62	0	-39	0	0
2	N6RV	245	6	2	-2	-37	0	0
3	N6WS	242	9	-10	-5	-34	2	0
4	N6WT	237	12	-22	-10	-29	0	0
5	W6TK	235	11	-16	-12	-27	0	0
6	N6FW	212	14	-50	-35	-4	0	0
7	W6OU	210	8	-13	-37	-2	0	0
8	N6QQ	208	22	-20	-39	0	0	0
9	K6ND	204	4	-56	-43	4	0	0
10	W6GJK	200	10	-11	-47	8	0	0
11	NS6C	191	7	-16	-56	17	1	0
12	W6DR	190	2	-28	-57	18	0	0
13	WA5VGI	170	16	-52	-77	38	0	0
14	N6PM	168	6	-45	-79	40	0	0
15	K0XP	159	0	35	-88	49	0	0
16	W6ZL	153	6	-3	-94	55	0	0
17	SM5GMZ	148	33	-51	-99	60	1	0
18	N6DZH	143	8	-41	-104	65	0	0
19	K6AFW	138	0	-22	-109	70	0	0
20	N6GP	121	11	-25	-126	87	0	0
21	KK6M	123	34	12	-124	85	0	0
22	WB6DJI	114	13	-43	-133	94	0	0
23	W6YLZ	111	0	-43	-136	97	0	0
24	K6NGO	110	-90	-150	-137	98	0	0
25	K7MY	102	6	18	-145	106	1	0

ClubLog Worked Not SCDXC

5N	KH9	TY	ZD9
A2	S2	VU4	ZL7
FJ	S9	YA	
FP	TJ	YI	
J2	TU	YK	

SCDXC Worked Not ClubLog

T32

SCDXC Get Schroeder Standings 2023																
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	YRS	
1	K6RO	3	33	36	135	132	191	191	213	202	193	31	246	1360	35	
2	N6RV	0	29	9	114	118	156	108	163	126	163	38	244	1024	55	
3	N6WS	1	34	17	86	60	115	108	137	156	141	34	242	889	59	
4	N6WT	4	13	3	41	51	93	61	71	65	65	10	236	477	9	
5	W6TK	2	28	21	112	107	170	179	187	168	171	0	235	1145	66	
6	N6FW	8	33	17	49	45	76	98	120	120	150	5	212	721	27	
7	W6OU	0	4	0	15	34	66	43	69	23	38	1	210	293	60	
8	N6QQ	0	0	0	28	102	124	115	141	113	99	22	208	744	66	
9	K6ND	27	19	17	49	48	61	60	55	61	60	3	204	460	32	
10	W6GJK	0	18	5	53	50	151	127	154	133	123	13	200	827	16	
11	NS6C	0	2	0	9	31	49	38	33	71	67	21	191	321	66	
12	W6DR	12	9	59	48	65	60	70	70	105	83	17	190	598	53	
13	WA5V/GI	9	17	61	20	69	42	72	77	33	35	17	170	452	39	
14	N6PM	1	12	7	43	41	38	41	38	74	90	6	168	391	29	
15	K0XP	26	3	0	52	6	20	11	44	11	131	0	159	304	16	
16	W6ZL	0	0	0	23	6	57	14	92	22	115	6	153	335	31	
17	N6DZH	0	7	0	14	5	44	22	73	29	95	0	143	289	35	
18	K6AFW	0	0	0	76	23	20	24	109	72	86	1	138	411	31	
19	KK6M	0	16	0	27	0	36	0	105	0	42	0	123	226	44	
20	N6GP	0	5	0	18	5	30	10	17	57	76	5	121	223	35	
21	WB6DJI	0	0	0	42	40	84	36	32	0	30	13	114	277	30	
22	W6YLZ	0	5	8	3	31	24	24	19	34	16	18	111	182	35	
23	K6NGO	0	0	0	19	19	20	34	19	32	50	6	110	199	3	
24	K7MY	0	1	0	9	6	21	19	53	31	74	0	102	214	46	
25	NK6A	0	0	0	5	1	24	1	82	0	51	0	95	164	78	
26	K6FG	5	15	1	4	49	15	29	4	40	39	6	93	207	67	
27	N6MG	5	12	0	8	28	22	24	39	56	38	0	86	232	45	
28	WC2S	0	0	0	0	4	7	14	16	26	45	10	83	122	6	
29	N6BV	2	2	11	11	15	22	10	14	10	22	0	80	119	27	
30	W6SR	0	0	0	4	0	36	0	47	2	33	3	78	125	56	
31	W6DX	0	0	0	2	9	35	9	12	13	32	1	78	113	66	
32	KR6C	1	0	0	2	0	7	0	14	2	65	0	72	91	45	
33	N6PEQ	0	0	0	2	2	18	4	26	5	19	0	59	76	37	
34	K6FOD	0	0	0	0	3	3	0	27	5	3	0	36	41	5	
35	W6DY	0	0	0	0	0	9	11	4	3	5	0	28	32	23	
36	K6JW	0	3	0	0	4	6	2	4	1	3	0	20	23	64	
37	NZ6L	0	0	0	6	9	1	2	0	3	0	0	18	21	19	
38	K9TAD	0	0	0	4	0	6	0	5	0	7	1	17	23	16	
39	W6SW	0	0	0	0	0	5	0	0	0	1	0	6	6	44	
40	W6KK	0	0	0	0	0	0	0	0	1	1	0	2	2	28	
41	W6FL	0	0	0	0	0	0	0	0	0	0	1	1	1	63	

What Did We Really Work?

Thank you everyone who submitted their report. As can be seen the entities worked dropped a few. This is probably due to activity from the missing entities and that the reporters did not work a few of the common ones this month. In spite of this it is readily obvious that hams in Southern California can work DXCC in 30 days or less for the first 5 months of the year! Dick, W6TK, really turned out the numbers. He worked 37 more than Bill who had 95 for the month. Dick works rare ones and band-slots. Just think if we reset every month and worked every entity available? I think they would get just a little perturbed!

Total								Total								Total							
Entity	Prefix	250	185	221	187	163	156	Entity	Prefix	250	185	221	187	163	156	Entity	Prefix	250	185	221	187	163	156
Sprattly Islands	1S	1						Ireland	EI	1	1	1	1	1	1	Netherlands	PA	1	1	1	1	1	1
Monaco	3A	1			1			Armenia	EK	1	1	1	1			Curacao	PJ2	1	1	1	1	1	1
Agalega and St. Brandon	3B6	1			1			Liberia	EL	1	1	1				Bonaire	PJ4	1	1	1	1	1	1
Mauritius Island	3B8	1		1	1		1	Iran	EP	1		1		1	1	Saba & Saint Eustatius	PJ5	1				1	
Rodriguez Island	3B9	1	1	1				Moldova	ER	1	1	1	1	1		Sint Maarten	PJ7	1			1	1	
Equatorial Guinea	3C	1	1	1		1		Estonia	ES	1	1	1	1	1		Brazil	PY	1	1	1	1	1	1
Fiji	3D2	1	1	1	1		1	Ethiopia	ET	1	1	1				Fernando De Naronha	PY0F	1			1		
Kingdom of Eswatini	3DA	1		1		1		Belarus	EW	1	1	1	1	1	1	Suriname	PZ	1	1	1	1	1	1
Tunisia	3V	1			1			Kyrgyzstan	EX	1	1	1	1	1	1	Western Sahara	S0	1	1	1		1	1
Viet Nam	3W	1	1	1	1	1	1	Tajikistan	EY	1		1	1	1	1	Slovenia	S5	1	1	1	1	1	1
Guinea	3X	1		1	1	1	1	France	F	1	1	1	1	1	1	Seychelles Islands	S7	1	1	1	1	1	1
Bouvet Island	3Y-B	1		1				Guadeloupe Island	FG	1	1	1	1		1	Sweden	SM	1	1	1	1	1	1
Azerbaijan	4J	1	1	1	1		1	Mayotte	FH	1		1			1	Poland	SP	1	1	1	1	1	1
Georgia	4L	1	1	1	1	1	1	New Caledonia	FK	1	1	1	1	1	1	Sudan	ST	1		1	1	1	
Montenegro	4O	1	1	1	1			Martinique	FM	1	1	1				Egypt	SU	1		1	1		1
Sri Lanka	4S	1	1	1		1	1	French Polynesia	FO-F	1	1	1		1	1	Greece	SV	1	1	1	1	1	1
United Nations HQ	4U1U	1		1				Marquesas Islands	FO-M	1			1	1		Dodecanese	SV5	1	1	1	1	1	1
Timor - Leste	4W	1		1	1	1	1	Reunion Island	FR	1	1	1	1	1	1	Crete	SV9	1	1	1	1	1	1
Israel	4X	1	1	1	1	1	1	Saint Martin	FS	1	1	1		1		Western Kiribati	T30	1				1	1
Libya	5A	1		1	1	1	1	Crozet Island	FT8W	1	1	1				San Marino	T7	1	1	1		1	1
Cyprus	5B	1	1	1	1	1	1	Wallis & Futuna Islands	FW	1	1	1	1		1	Palau	T8	1	1	1			1
Tanzania	5H	1		1	1	1		French Guiana	FY	1	1	1	1	1		Turkey	TA	1	1	1	1	1	1
Madagascar	5R	1		1	1	1		England	G	1	1	1	1	1	1	Iceland	TF	1	1	1	1	1	1
Togo	5V	1		1				Isle Of Man	GD	1	1	1	1	1	1	Guatemala	TG	1	1	1	1	1	1
Niger	5U	1					1	Northern Ireland	GI	1	1	1	1	1	1	Costa Rica	TI	1	1	1	1	1	1
Samoa	5W	1	1	1	1	1	1	Jersey	GJ	1	1			1		Corsica	TK	1	1	1	1		
Uganda	5X	1	1	1	1	1	1	Scotland	GM	1		1	1	1	1	Republic of the Congo	TN	1	1	1			
Kenya	5Z	1	1	1	1	1	1	Guernsey	GU	1	1	1	1			Gabon	TR	1	1	1			
Senegal	6W	1	1	1				Wales	GW	1	1	1	1	1	1	Chad	TT	1		1			1
Jamaica	6Y	1	1	1				Solomon Islands	H4	1			1	1	1	Mali	TZ	1	1	1	1		
Lesotho	7P	1		1				Hungary	HA	1	1	1	1	1	1	European Russia	UA	1	1	1	1	1	1
Malawi	7Q	1	1	1	1	1	1	Switzerland	HB	1	1	1	1	1	1	Asiatic Russia	UA0	1	1	1	1	1	1
Algeria	7X	1	1	1	1	1	1	Liechtenstein	HB0	1		1				Kaliningrad	UA2	1	1	1	1	1	1
Barbados	8P	1	1	1	1	1	1	Ecuador	HC	1	1	1	1	1	1	Uzbekistan	UJ	1	1	1	1	1	1
Maldives	8Q	1	1	1		1		Galapagos Islands	HC8	1			1			Kazakhstan	UN	1	1	1	1	1	1
Guyana	8R	1					1	Haiti	HH	1	1	1	1			Ukraine	UT	1	1	1	1	1	1
Croatia	9A	1	1	1	1	1	1	Dominican Republic	HI	1	1	1	1	1	1	Antigua & Barbuda	V2	1	1	1	1		
Ghana	9G	1		1		1		Colombia	HK	1	1	1	1			Belize	V3	1	1	1	1	1	1
Malta	9H	1	1	1	1	1	1	San Andres Island	HK0-S	1		1	1	1	1	Saint Kitts & Nevis	V4	1	1	1			
Zaire	9J	1	1	1				Republic of Korea	HL	1		1	1	1	1	Namibia	V5	1	1	1	1		1
Kuwait	9K	1	1	1	1	1	1	Panama	HP	1	1	1	1	1	1	Micronesia	V6	1				1	1
West Malaysia	9M2	1	1	1	1		1	Honduras	HR	1	1	1				Marshall Islands	V7	1			1		1
East Malaysia	9M6	1	1	1	1	1	1	Thailand	HS	1	1	1	1	1	1	Brunei	V8	1	1	1			1
Nepal	9N	1	1	1	1	1	1	Vatican	HV	1		1				Canada	VE	1	1	1	1	1	1
Zaire	9Q	1			1	1		Saudi Arabia	HZ	1	1	1	1	1	1	Australia	VK	1	1	1	1	1	1
Burundi	9U	1		1	1			Italy	I	1	1	1	1	1	1	Cocos (Keeling) Islands	VK9C	1		1			
Singapore	9V	1	1	1	1	1	1	Sardinia	IS0	1	1	1	1	1	1	Norfolk Island	VK9-N	1	1	1	1	1	1
Rwanda	9X	1			1	1	1	Grenada	J3	1	1	1				Willis Island	VK9-W	1		1	1	1	
Trinidad & Tobago	9Y	1	1	1	1	1	1	Guinea-Bissau	J5	1				1		Anguilla	VP2-E	1	1	1			
Oman	A4	1	1	1		1	1	Saint Lucia	J6	1	1	1	1	1		Montserrat	VP2-M	1			1		1
United Arab Emirates	A6	1	1	1	1	1	1	Dominica	J7	1	1	1		1		British Virgin Islands	VP2-V	1		1			
Qatar	A7	1	1	1	1	1	1	Saint Vincent	J8	1	1	1	1	1	1	Turks & Caicos Islands	VP5	1	1	1	1	1	1
Bahrain	A9	1	1	1		1		Japan	JA	1	1	1	1	1	1	Pitcarin Island	VP6	1			1	1	
Pakistan	AP	1	1	1	1	1	1	Ogasawara	JD-O	1	1	1	1			Falkland Islands	VP8-F	1	1	1	1	1	1
Taiwan	BV	1	1	1	1	1	1	Minami Torishima	JD1-M	1			1	1	1	Bermuda	VP9	1		1	1		
China	BY	1	1	1	1	1	1	Mongolia	JT	1	1	1	1			Singapore	VR	1	1	1	1	1	1
Nauru	C2	1			1			Svalbard	JW	1			1	1	1	India	VU	1	1	1	1	1	1
Andorra	C3	1	1	1	1	1	1	Jordan	JY	1	1	1	1			Lakshadweep Islands	VU7	1				1	
The Gambia	C5	1	1	1	1			United States	K	1	1	1	1	1	1	Mexico	XE	1	1	1	1	1	1
Bahamas	C6	1	1	1	1	1		Gauantanamo Bay	KG4	1	1	1	1	1		Cambodia	XU	1			1		
Chile	CE	1	1	1	1	1	1	Mariana Islands	KH0	1			1			Macau	XX9	1		1	1		
Easter Island	CE0Y	1	1	1		1		Guam	KH2	1	1	1	1		1	Myanmar	XZ	1			1		
Antarctica	CE9	1	1	1	1			Hawaii	KH6	1	1	1	1	1	1	Indonesia	YB	1	1	1	1	1	1
Morocco	CN	1	1	1	1	1	1	Alaska	KL7	1	1	1	1	1	1	Vanuatu	YJ	1	1	1			
Cuba	CO	1	1	1	1	1	1	US Virgin Islands	KP2	1	1	1	1		1	Latvia	YL	1	1	1	1	1	1
Bolivia	CP	1	1	1			1	Puerto Rico	KP4	1	1	1	1	1	1	Nicaragua	YN	1		1			
Portugal	CT	1	1	1	1	1	1	Norway	LA	1	1	1	1	1	1	Romania	YO	1	1	1	1	1	1
Madeira Islands	CT3	1	1	1	1			Argentina	LU	1	1	1	1	1	1	El Salvador	YS	1	1	1	1	1	1

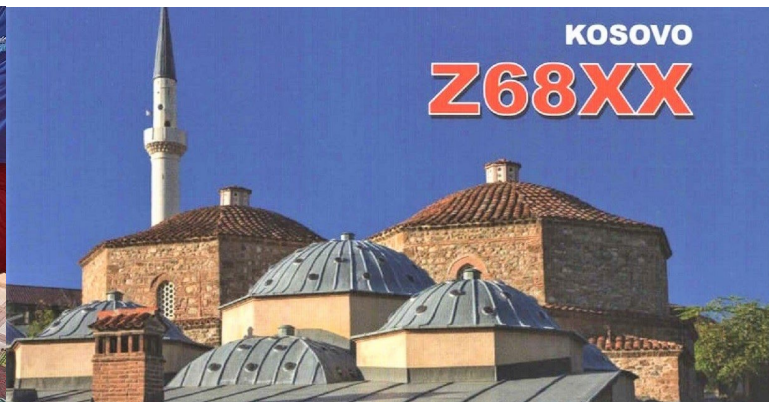
Who's on 6?

We updated the standings this month in expectation of the enormous increase in DX over the next few months during Sporadic E season. It looks like in the past 2 months there has been several more openings to South America and the Pacific. In addition, we have 3 members who have joined us on 6. Kevin, K6NGO, is one of the new club members. He is using an R8 vertical and has worked 6 entities so far!

Bill, N6WS, worked the first Japan station for the year. Bill, WA5VGI worked Slovakia, OM, for the first European this year. Will, K6ND caught CY0S! Longtime 6 meter DXer and friend, Bob Lawson, N6RW joined SCDXC and is in the hunt for 2024. Bob's main home is in California and he lives in Prescott. He does well from there and is a full time member of DXChat on the Discord server. It is great to have another DXer who love 6 meters as well.

The next few months we expect big openings to Europe and Africa. If we have Es to F2 links then we are in for a wild ride!

Pfx	Total	QSOs	N6CA	N6RV	N6WS	K6RO	N6RW	N6QQ	NS6C	W6YLZ	W6DR	WA5VGI	W8GJK	WB6DJI	N6WT	WC2S	W6ZL	N6PM	K6NGO	N0FW	N6GP	K6ND	W6SR	W6OU	K9TAD	K6AFW	W8DX	W6FL
	45	307	38	38	34	31	24	22	21	18	17	17	13	13	10	10	6	6	6	5	5	3	3	1	1	1	1	
3D2	1	8	1	1	1	1	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
8P	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9Y	1	5	1	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
CE	1	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	
CO	1	6	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CX	1	12	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	
CY0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
D2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E5/N	1	9	1	1	1	1	0	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
FG	1	3	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
FK	1	8	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	
HC	1	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	
HC8	1	6	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
HH	1	5	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HI	1	3	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HK	1	9	0	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
HR	1	7	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
J3	1	3	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
J6	1	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
J7	1	4	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JA	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
K	1	16	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	
KH6	1	5	1	1	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KP4	1	6	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LU	1	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	0	0	0	
OA	1	7	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
OM	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
P4	1	3	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PJ2	1	3	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PJ4	1	11	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
PY	1	14	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	0	0	0	1	0	1	0	0	
PZ	1	3	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TG	1	11	1	1	1	1	0	1	1	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	
TI	1	12	1	1	1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	
V3	1	5	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	
VE	1	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
VK	1	8	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
VP8	1	7	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
XE	1	8	1	1	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
YS	1	7	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
YV	1	2	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ZD7	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ZF	1	8	1	1	1	1	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
ZL	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	0	0	0	0	
ZP	1	6	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	



Deleted ARRL DXCC Entities

This month we look at deleted entity #28 Trieste.

Prefix	Entity	Cont	Zone	ITU	CQ	UTC +/-	Location	Lat	Long	Prefix
FQ8	Fr Equatorial Africa	AF	47, 52	36	1	5N	18E			
HK0	Bajo Nuevo	NA	11	8	-5	16N	79W			
HK0	Serrana Bnk. Roncador Cay	NA	11	7	-5	14N	80W			KP3, KS4
I1	Trieste	EU	28	15	1	46N	14E			
I5	Ital Somaliland	AF	48	37	3	2N	46E			
JD1	Okino Tori-shima	AS	45	27	10	30N	140E			7J1
JZ0	Neth New Guinea	OC	51	28	10	10S	147E			
KR6	Okinawa (Ryukyu)	AS	45	25	8	26N	128E			KR8, JR6, KA6

Trieste

Trieste is located on a narrow strip of land lying between the Adriatic Sea and Slovenia. It is at a crossroad between Italy, Croatia, and Slovenia. The region belonged to the Habsburg monarchy from 1382 to 1918. It was the monarchy's most important seaport. It became the fourth largest city in the Austro-Hungarian Empire. It still is a key deepwater port connecting Germany, Austria, and Central Europe to the Mediterranean Sea through the Adriatic Sea. Again, this is a crossroad for the Latin, Slavic, and Germanic people. It no wonder it became a contentious region. Trieste also was considered the endpoint of the Silk Road. It is in the perfect place for trade throughout Europe, the Middle East, and Africa.

In WWI Italy annexed the city. This was ratified by two treaties. The population was mostly Italian. In the prelude to WWII Italy, who was cooperating with Nazi Germany, killed many Jews. When Germany took over Italy this port became the hub for deporting Jewish citizens. There was a Slovenian anti-fascist organization that kept the Germans and Italians on alert. They destroyed several buildings during the ensuing years. The Germans occupied the region in 1943 and renamed it the Italian Social Republic. They built the only concentration camp with a crematorium on Italian soil. Italian and Yugoslav partisans relentlessly attacked the Germans with the support from Allied bombing. In one attack 100 tons of bombs were dropped on the oil refineries. After a brief period of Yugoslav control the region came under the command of a joint British and US military administration.

In 1947 the UN declared Trieste a city state independent of Italy and Yugoslavia. It was divided into two zones, A and B, divided along what was called the Morgan Line. Zone A came under the control of British (British Element Trieste Forces (BETFOR)) and American (Trieste United States Troops (TRUST)) militaries. Zone B was under the control of the Yugoslav People's Army.

In 1954 Zone A joined Italy and Zone B plus a small part of the southern part of Zone A was divided between Slovenia and Croatia.

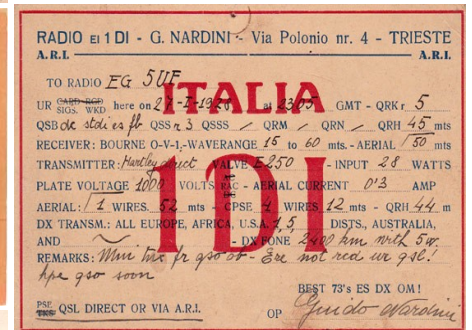
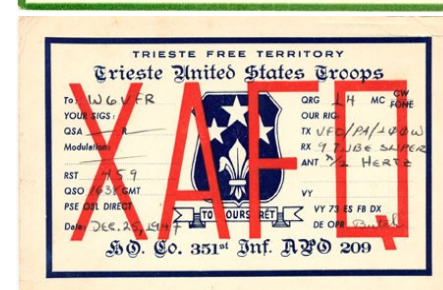
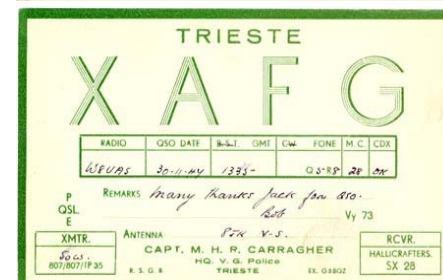
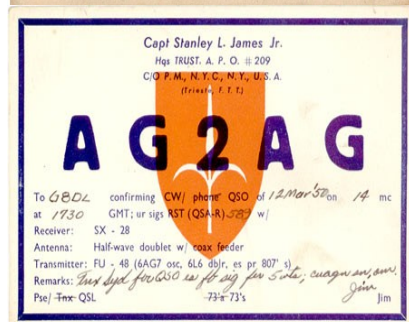


Amateur Radio Operations

Contacts before March 31, 1957 counted as Trieste (I1). It is interesting to see operators representing various countries at different times. If you look closely you will note that the stations with the AG prefixes were American (TRUST) and MF prefixes were British (BETFOR). The odd ones are the X stations with no number. They all seem to be military from Britain and America. Thank goodness for the Signal Corp! Of course, the I stations are Italians!

Trieste

1DI 1928
1EQ 1928
11MV 1947
XAMC 1947
XAMC 1947
XAEG 1946
XAFG 1947
11NZ 1948
11RC 1948
11MV 1948
11ADM 1948
11AXE 1948
XAGB 1948
AG2AD 1949
11BCB 1949
AG2AG 1950
11NU 1950
MF2AA 1950
MF2AB 1950
11OMD 1951
11RC 1951
AG2AC 1951
MF2AG 1952
MF2AE 1953
AG2AF 1953
11BLF 1953
AG2AB 1954
11BNU 1954
11BCB 1956
11RC 1957
11VE 1957
11YAK 1951
11YCG 1955
14YCD 1952
11YCZ 1955
11YCZ 1957



2024 INTERNATIONAL DX CONVENTION

A Great Time with Great Friends

We Have Just Begun to Fight!

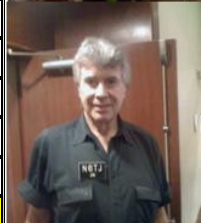
April 10th - 14th

We have kicked off the preparation for the convention. By the time you read this the contract for the Visalia Convention Center will be in hand. There are still a few chair openings. Please consider helping out. If you are willing to help but not as a chair we will be happy have you join us.

2024 CONVENTION COMMITTEE

POSITION	NAME	CALL
Emcee	Chip Margelli	K7JA
Co-Chairman	Bill Kendrick	N6RV
Co-Chairman	Mel Hughes	K6SY
Treasurer	Bill Kendrick	N6RV
Registration	Bill Kendrick	N6RV
Banquet Seating (TBD)	Mel Hughes	K6SY
Vendors	Bill Shell	N6WS
Prizes	Bill Shell	N6WS
Prize Room	Tom Myrick	N6JOJ
Audio / Visual	Terry Dennison	K9TAD
Program Booklet	Bill Kendrick	N6RV
Special Event Station	Bill Erickson	N6MXU
DX Guests	Bill Kendrick	N6RV
Programs		
Raffle Ticket Sales	Frank Kibbish	N6OI
Convention Shirts		
DX Card Checking	John Schroeder	N6QQ
Golf Tournament	Skip Bolnick	KJ6Y
Saturday Tour	Steve Jones	N6SJ
Registration Packet Distribution	Mike & Gayle	K6GO NA6MB
Webmaster	Jim Shryne	N6DHZ
Vendor Room	Larry Mallek	K6YUI
DX University	Paul Ewing	N6PSE
Publicity	Chip Margelli	K7JA
Signage	Rich Bongiorno	W6VX

17 Committee Chair Volunteers



A DXing Tool for Active DXers

Background:

In 2015, while getting ready for a month-long trip to Europe, I decided to make a system that would allow me to communicate with some of the hams on the Central Coast. The port into the local repeater over EchoLink was not reliable, so I decided to try a different approach. I made a simple server on a Raspberry Pi, and 'pipe' the audio in and out of the application to a Wouxun mobile 2m radio. Using that system, I could talk to the locals at home via the local 2m repeater or directly through the server if they connected to it over the Internet. Well, that simple Mumble server application on a Raspberry Pi became known as DXChat, and had been in operation for eight years. The HT interface was dropped shortly after my return from Europe, and the Mumble server became a meeting place for local DXers to have conversations, announce DX spots, call out QSX frequencies during pileups, and provide technical assistance in real-time.

In 2017, after the DX voice announcement system broke on the SCDXC repeater, Mel, K6SY, asked if I could add DX announcements on an audio channel of the Mumble server. After a couple weeks of working on the spot filters and code, I added DX Audio Announcement spotting to one of the voice channels. That system was working until recently. Sometime in early 2022, that server failed, and that service was abandoned. The DX Audio Announcement channel was not being used by any of the SCDXC members, so I just did not restore it. It had only six hours of use in previous three years.

The Mumble server has helped those active DXers in the SCDXC stay near the top of the annual CQ DX Marathon competition. Through the past seven years the SCDXC has had several members near or on top of the CQ DX Marathon standing every year. The SCDXC participants on DXChat have won for California on several occasions.

A Short Diversion:

In looking for a way to convey more than real-time spotting and immediate comments like QSX info, I tried using a HumHub server which gave us a Facebook type application that maintained the historical information, so individuals could connect, and look back on previous events. This was an application I really liked, but the problem was that users were reluctant to post information. It seemed as though, with few exceptions, I was the only one posting information.

To resolve the problem of no historical memory on the Mumble application, and the difficulty with adding features, I decided to look at Slack, Discord, and a few others. Discord met all the requirements, and had a better-defined interface which would allow for extensibility for future expanded services. It was also a server I was familiar with, since it is used by AMSAT and ClubLog.

Migration to Discord:

While changing from Mumble to Discord, I thought I could make a link between the servers to allow those staying on mumble to hear and see the traffic on Discord, and visa-versa. That did not work the way I wanted it to, so we abandoned the Mumble server and moved to Discord. We did keep the Guys-Up-North (GUNS) name, since that is what we were called in the SCDXC Newsletter.

The GUNs Discord server has text, voice, and video links that are free to the users.

There are text channels for:

General – Where most of the manual spotting is posted, and general conversation occurs.

DXpedition Spots – This is a custom Discord Bot that spots DXpedition from manual and RBN sources.

GUNs Rules – A channel that has general rules to follow while on the GUNs Discord server.

For-Sale-Swap – A general area where members can post items for sale, wants, or swap.

DXpedition Calendar – This is a channel that displays recent changes to our Google DXpedition calendar.

Polls – A channel where members can enter and/or respond to polls.

EME – A channel where EME DXers post items of interest.

There are two voice channels for:

General – Where general conversations and callouts of DX QSO frequencies occur.

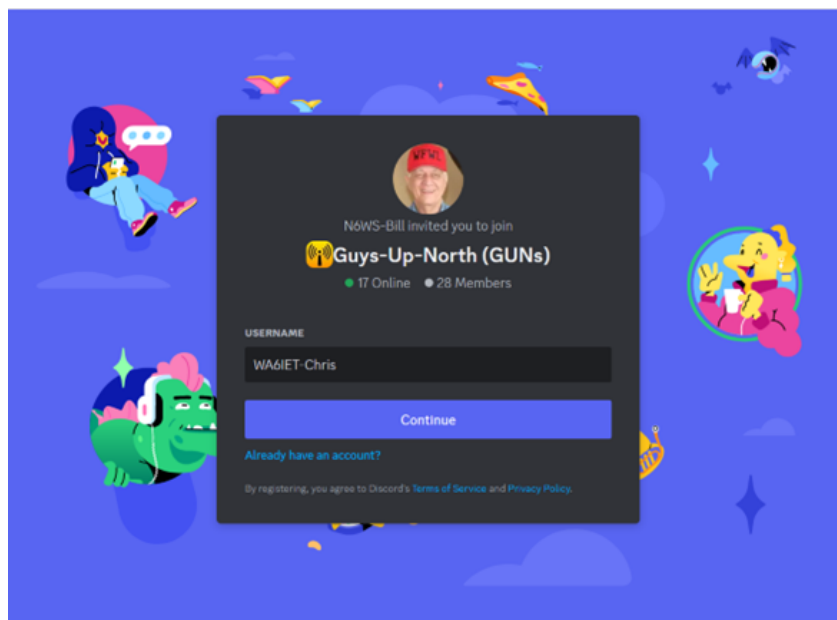
Tech-Support – A channel where technical questions and problems are discussed.

The use can be *user-to-group/channel* or *user-to-user channel* in text, voice, and/or video. You can also share your screen which is helpful in tech support, and, of course, to brag about your QSO with Indonesia on 6m. There are several features that are seldom used, but are readily available, and some of those I have left unexplored.

How to get on the GUNs Discord Server:

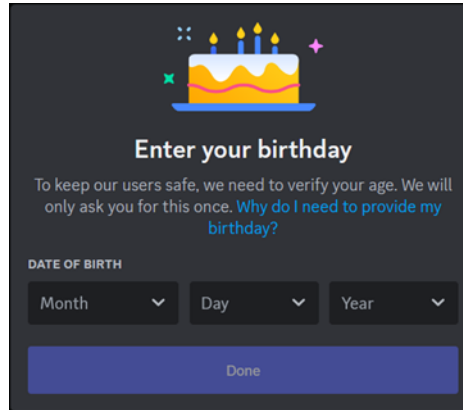
The easiest way to join us on the GUNs Discord server is to request an invitation from a current member. Any member can send an invitation by email.

You will be greeted with a screen allowing you to register and download the Discord application:



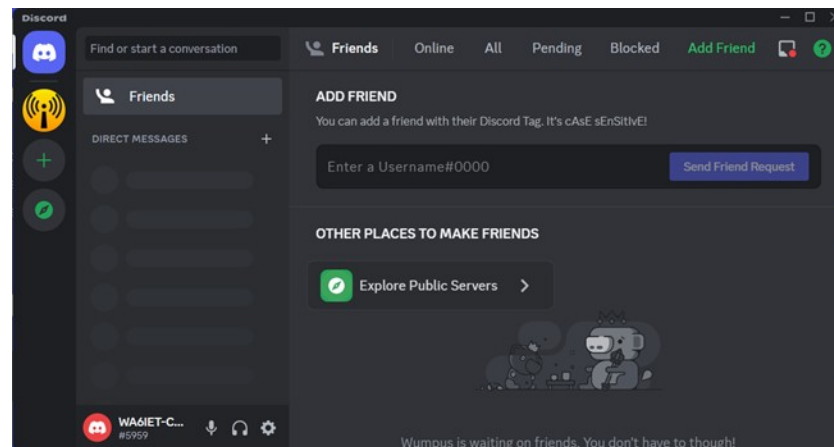
Our logon username convention is CALLSIGN-Name. If you are already a Discord user for AMSAT or ClubLog with a different username, we can change it for the GUNs Discord server after you are a member.

You will have to enter your date of birth. This is for age restricted servers, but the GUNs content is not age restricted.

A screenshot of the Discord 'Enter your birthday' form. At the top is a birthday cake icon with candles. Below it, the text reads 'Enter your birthday'. A message states: 'To keep our users safe, we need to verify your age. We will only ask you for this once. [Why do I need to provide my birthday?](#)'. Under the heading 'DATE OF BIRTH', there are three dropdown menus for 'Month', 'Day', and 'Year'. At the bottom is a blue 'Done' button.

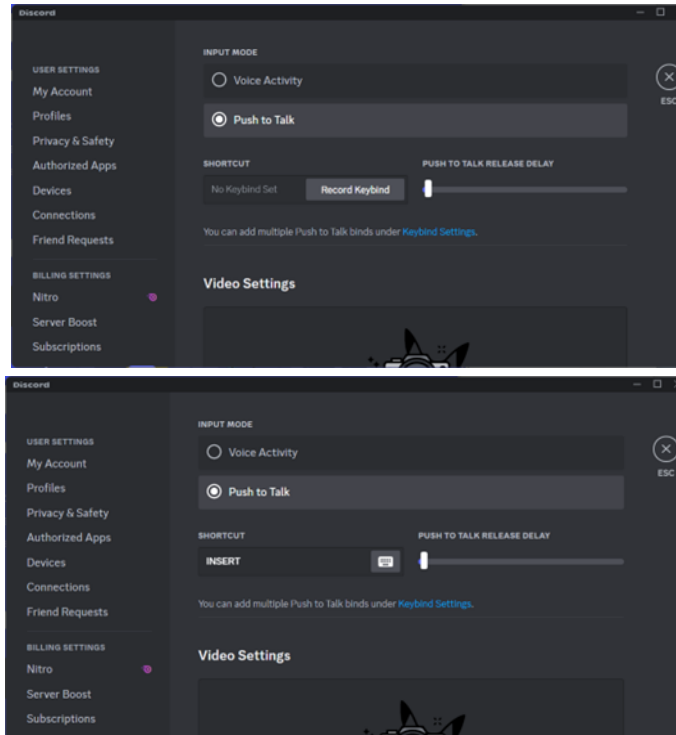
You will receive a confirmation email to verify you entered the correct email address. Acknowledge by following the link in the email.

You will then be presented with the following screen.

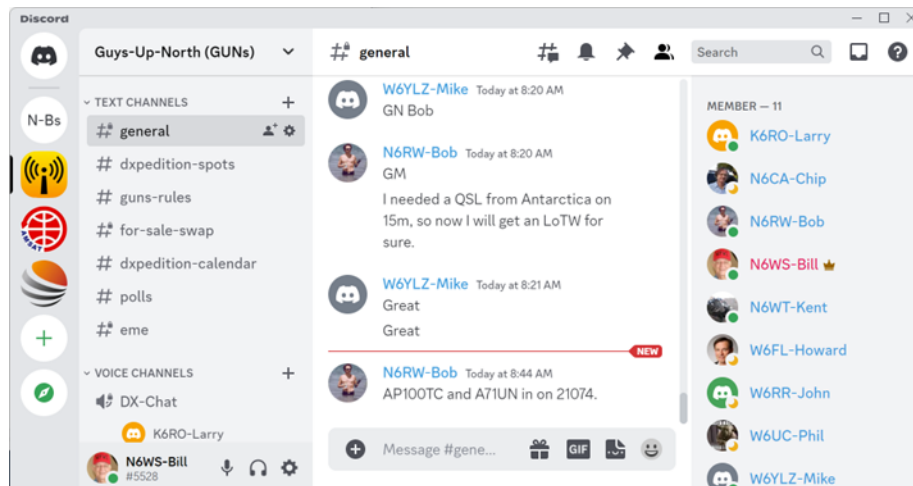


To enter the GUNs server, left-click on the yellow icon on the left. Until I notice your presence and make you a site member, you will only be able to see a few things on the site.

Once you are on the site you will need to setup your audio in the application. Right-click on the head-phone icon in the lower left, and select Voice Settings. After selecting your audio devices scroll down the screen and select the Push to Talk option. Immediately below this is the PTT shortcut. Left-click on the Record Keybind and select your PTT key on your keyboard. Most users select their Insert key as PTT. If you have an extended keyboard with a Star key, or other typically unused keys, you can select one of those keys as your PTT.



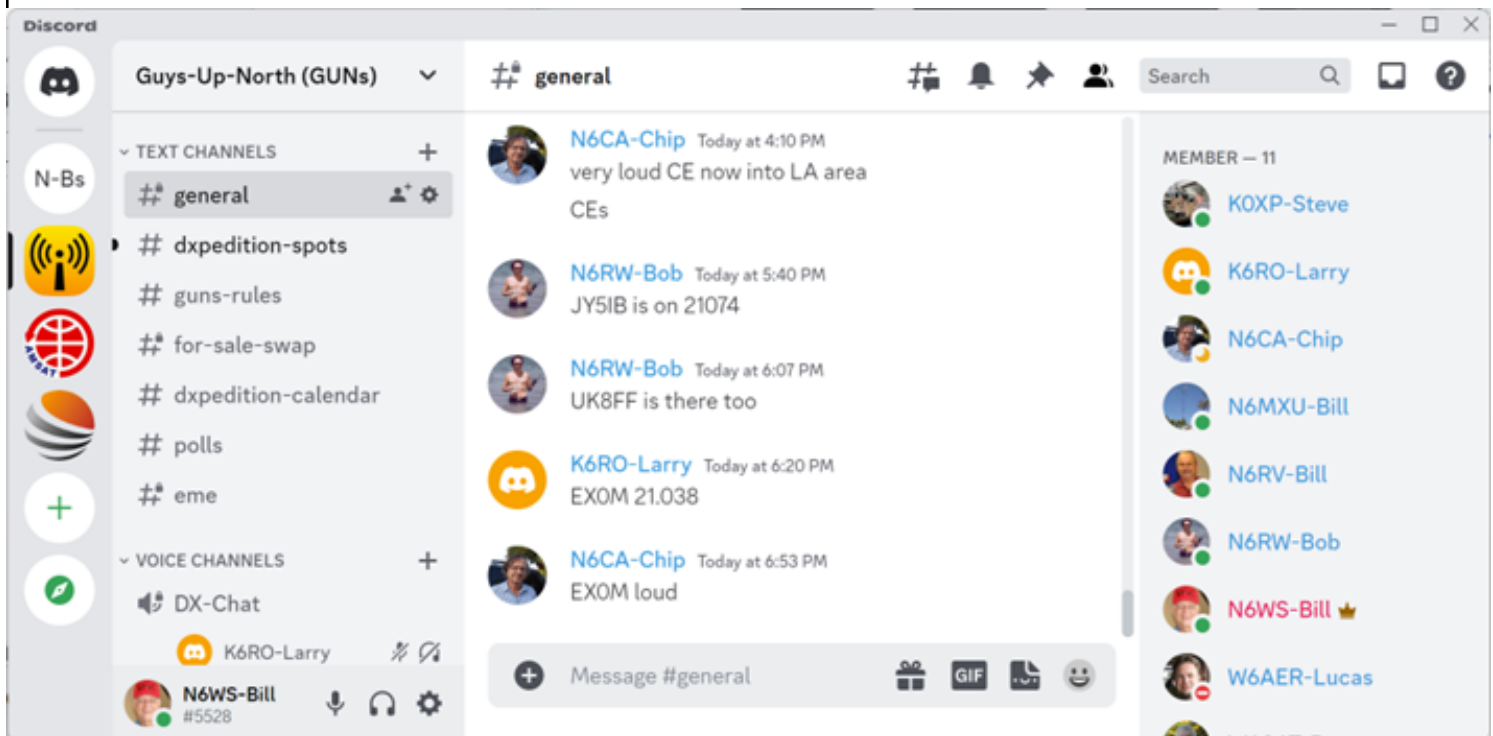
Once you completed the application setup and are a full member, you will see a screen similar to this.



If you get lost in the screens and menus, you can always left-click on the yellow icon to return to the home screen. Navigating around the different screens and finding the one you want is sometimes a bit tricky, but there are always people in the DX-Chat voice channel you can ask for help.

The DXpedition-Spots are spots requested by the users. If you want to track the activity of a DXpedition, you can request that all user and RBN spots appear in this text channel. The text topics as well as DXpedition's spot postings can be searched using the search function at the top of the application.

Once you are a member on the GUNs Discord server, you can invite others with an interest in DXing to join. To invite someone, you can send them these instructions with the an invitation link. The link can be obtained by using the pull-down arrow just to the right of Guys-Up-North (GUNs), select "Invite People", and then select Copy. You can then paste (Ctrl-V) that link into an email. That link is only valid for a short period of time.



(Editor's Note: First, we would like to thank Bill for his tireless work keeping club members in disparate locations connected with the great tools he has developed and refined. DXChat on the Discord Server is by far his greatest production. It ,like many modern aspects of our hobby, is drawing an increasing following from not only SCDXC members but fellow DXers around the globe. We believe this platform will grow into a site which will enable members of the DX community to chat in real time, compare notes, and progress our aspect of the hobby. It already has pulled together several of us and strengthened relationships. Good job Bill. Thank for you many contributions over the years!)

Tid Bits

The Cost of DXCC (N6WS)

Bill, N6WS just went through an exercise to determine the cost if he submitted for all the DXCC awards and certificates he has earned to date. He previously went through this exercise back in 2015, when he decided to start chasing DX, and at that time the cost was around \$380. Since then, he has worked a few more band/mode and band/entities, and the submission fees have gone up somewhat. Recently, Bill went through the exercise again seeing what it would cost today to submit for the DXCC credit given on LOTW. The cost totaled \$431.85, just for the LOTW credits. The total cost with the LOTW and Card submission, awards, etc. would total \$859. As a result of this exercise, Bill will not submit for DXCC. He doesn't really mind just being a Lifetime Associate Member of the SCDXC.

(Editors Note: You do not have to have a certificate to be a Full Member. In fact, several of us have looked at Bill's ClubLog standings and automatically upgraded him to Full Member... with some pushback from Bill :-)! Maybe the ARRL with its millions of dollars in reserve should not increase dues and reduce award costs... just saying!)

Wanted: Alpha 87A in Very Good Condition (K6AFW)

Art is looking for an Alpha 87A in very good condition. He has several amps including a few of the new solid state ones which he says "Transistors are 3 legged fuses. His ideal amp is the 87A and this would fulfill his bucket list! Contact him through his email address on QRZ.com

Chiltern DX Club (CDXC) Quarterly Digest (N6RV)

A few members may know about this club. It is a very active and premier club in the United Kingdom. Many of the members go on DXpedition and the club actively supports several DXpeditions a year. Their quarterly journal is the envy of even the ARRL. The last journal had 12 articles from 11 authors. Half of those articles are regular columns in every issue. What is of particular interest is the length and detail of these columns. They are not a few paragraphs slapped together or a bevy of photos. They are rich with information reflecting a true interest in the hobby, in particular, DXing. The May 2023 journal is 56 pages! Unfortunately you have to be a member to see it.

If that were the sum of it then we should be impressed. They are also heavily involved in ClubLog. They have three annual competitions for their members on ClubLog and we believe the majority of the work on that site is performed by CDXC members.

Again, a few SCDXC members have been CDXC members for years and enjoy the articles and camaraderie. One board member, Chris Duckling, G3SVL, and his wife attended the 2023 IDXC. His article on the event exceeds any article you will see in our newsletter or any other. They also annually host the premiere DX Convention in the UK. That speaks to their dedication to progressing the hobby.

If you are interested in seeing what an active DX Club is like then take a peek at the CDXC website. Maybe even join and help them out. If we could only generate that much enthusiasm!

<https://cdxc.org.uk/>



(L - R) Arnie, N6HC, Jenny (G3SVL XYL), Chris, G3SVL

Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/dxpeditons/

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Southern California Contest Club
<http://www.socalcontestclub.org/>

Sixth District QSL Bureau
www.QSLBureau.org

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>

Propagation

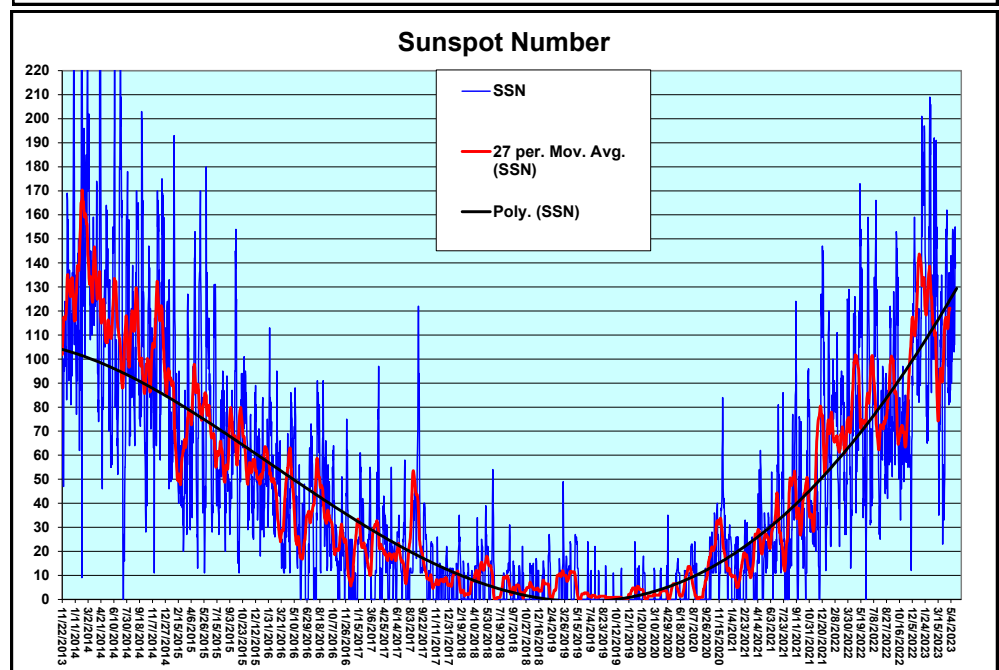
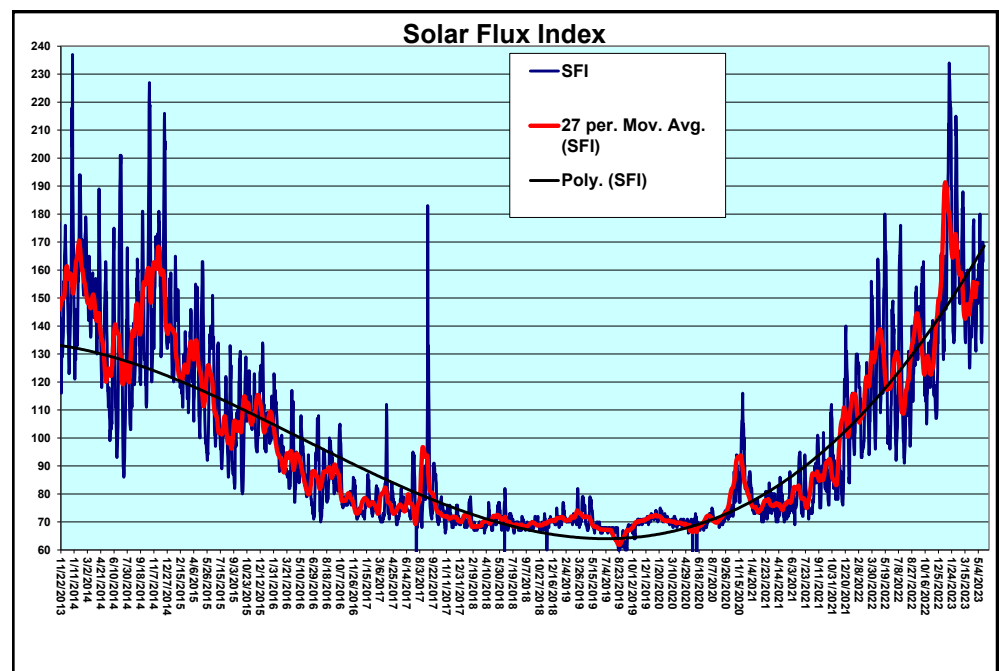
The big jump in metrics from November 2022 to February 2023 has turned into local maxima. In other words, looking at the rapid increase in SFI and SSN led to a prediction that this would be a giant cycle. Now it is tailoring off. It still is a good cycle and it may be full of surprises, just for now the hope based on the observation over that period has dissipated. Maybe we are heading for a double peak? If you look at the second peak of last cycle it has the same signature as this peak.

Strongest Cycle Ever? Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - You- Tube

The Termination Event | Space- weather.com





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